PALM Intranet

Application Number SEARCH

IDS Flag Clearance for Application

10522038



Content	Mailroom Date	Entry Number	IDS Review	Reviewer	
M844	07-19-2005	15	V	11-15-2005 16:56:11	tbentley

UPDATE

# **Refine Search**

#### Search Results -

Terms	Documents
L3 not L1	6

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

Set









### **Search History**

# DATE: Monday, December 05, 2005 Printable Copy Create Case

Name side by	Query	<u>Hit</u> Count	Set Name result set
DB=P $OP=OR$	GPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=Y	ES;	
<u>L4</u>	L3 not l1	6	<u>L4</u>
<u>L3</u>	(steer\$ with angle\$ with deviation\$) and (velocity or speed) and vehicle and (driv\$ with maneuver\$)	10	<u>L3</u>
DB=U	SPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L2</u>	(steer\$ with angle\$ with deviation\$) and (velocity or speed) and vehicle and (driv\$ with maneuver\$)	35	<u>L2</u>
DB=P	GPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=Y	ES;	•
OP = OR			
<u>L1</u>	(steer\$ with angle\$ with deviation\$) and (velocity or speed) and vehicle and (driv\$ near2 maneuver\$)	4	<u>L1</u>

### END OF SEARCH HISTORY

## Hit List

First Hit Clear: Generate Collection Print Fwd Refs Bkwd Refs

**Search Results** - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20020156581 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 6

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156581

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020156581 A1

TITLE: Vehicle controlling apparatus and method

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Matsuura, Munenori

Tokyo-To

JΡ

US-CL-CURRENT: 701/301; 340/436, 340/903

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw, De

☐ 2. Document ID: US 6675096 B2

L4: Entry 2 of 6

File: USPT

Jan 6, 2004

US-PAT-NO: 6675096

DOCUMENT-IDENTIFIER: US 6675096 B2

TITLE: Vehicle controlling apparatus and method

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 3. Document ID: US 6122584 A

L4: Entry 3 of 6

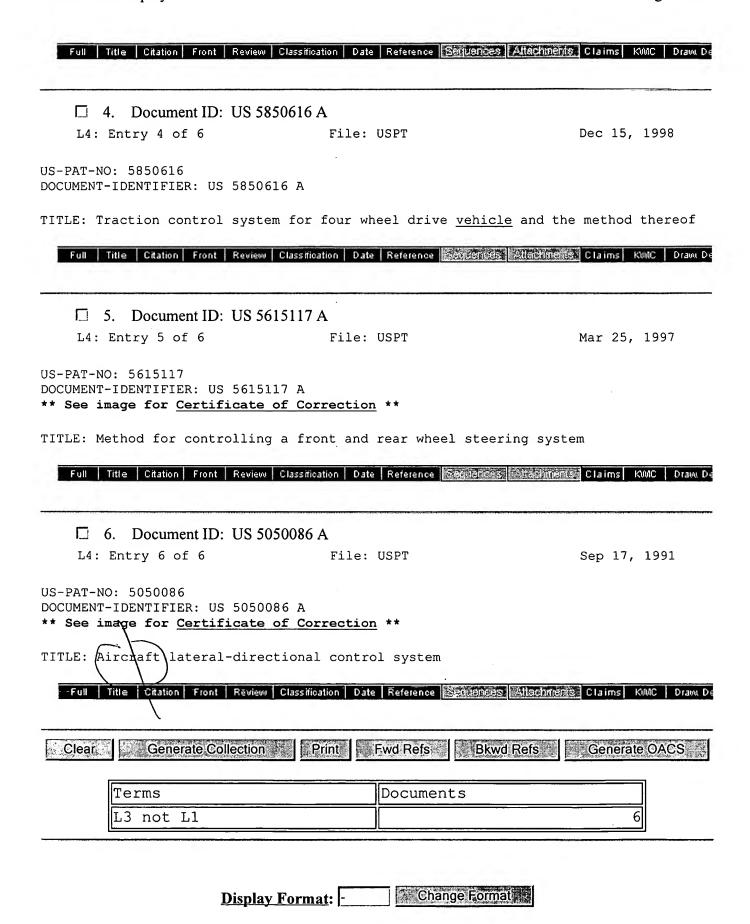
File: USPT

Sep 19, 2000

US-PAT-NO: 6122584

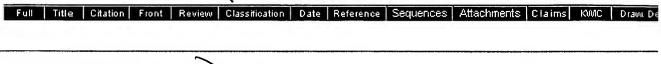
DOCUMENT-IDENTIFIER: US 6122584 A

TITLE: Brake system control



Naito, Genpei Tange, Satoshi Yokohama Kanagawa JΡ JΡ

US-CL-CURRENT: 701/41; 701/300, 701



☐ 3. Document ID: US 6138604 A

L1: Entry 3 of 4

File: USPT

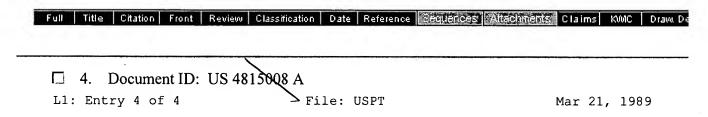
Oct 31, 2000

US-PAT-NO: 6138604

DOCUMENT-IDENTIFIER: US 6138604 A

\*\* See image for Certificate of Correction \*\*

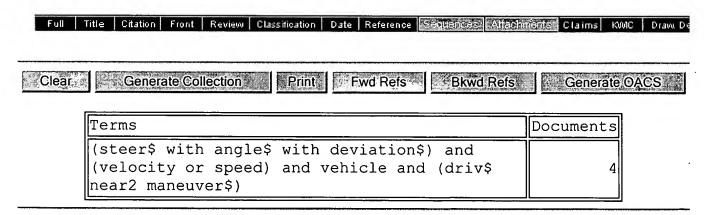
TITLE: Pelagic free swinging aquatic vehicle



US-PAT-NO: 4815008

DOCUMENT-IDENTIFIER: US 4815008 A

TITLE: Orientation adjustment system and robot using same



Change Format **Display Format:** -

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## **Hit List**

First Hit

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20040158377 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 4

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040158377

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040158377 A1

TITLE: Vehicle dynamics control apparatus

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Matsumoto, Shinji Kanagawa JP
Naito, Genpei Yokohama JP
Tange, Satoshi Kanagawa JP

US-CL-CURRENT: 701/48; 1701/70

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw. De

☐ 2. Document ID: US 20040153228 A1

L1: Entry 2 of 4 File: PGPB Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153228

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040153228 A1

TITLE: Vehicle dynamics control apparatus

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Matsumoto, Shinji Kanagawa JP

First Hit

Previous Doc

Next Doc

Go to Doc#

Generate Collection

Print

L1: Entry 1 of 4

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040158377

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040158377 A1

TITLE: Vehicle dynamics control apparatus

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Matsumoto, Shinji Kanagawa JP Naito, Genpei Yokohama JP Tange, Satoshi Kanagawa JP

ASSIGNEE-INFORMATION:

NAME CITY STATE COUNTRY TYPE CODE

NISSAN MOTOR CO., LTD. 03

APPL-NO: 10/769069 [PALM]
DATE FILED: February 2, 2004

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY APPL-NO DOC-ID APPL-DATE

JP 2003-032459 2003JP-2003-032459 February 10, 2003

INT-CL: [07] G06 F 19/00

US-CL-PUBLISHED: 701/048; 701/070 US-CL-CURRENT: 701/48; 701/70

REPRESENTATIVE-FIGURES: 1

#### ABSTRACT:

In a <u>vehicle</u> dynamics control apparatus capable of balancing a <u>vehicle</u> dynamics stability control system and a lane deviation prevention control system, a cooperative control section is provided to make a cooperative control between lane deviation prevention control (LDP) and <u>vehicle</u> dynamics stability control (VDC). When a direction of yawing motion created by LDP control is opposite to a direction of yawing motion created by VDC control, the cooperative control section puts a higher priority on VDC control rather than LDP control. Conversely when the direction of yawing motion created by LDP control is identical to the direction of yawing motion created by VDC control, a higher one of the LDP desired yaw moment and the VDC desired yaw moment is selected as a final desired yaw moment, to prevent over-control, while keeping the effects obtained by both of VDC control and

First Hit Previous Doc Next Doc Go to Doc#

L1: Entry 2 of 4 File: PGPB Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153228

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040153228 A1

TITLE: Vehicle dynamics control apparatus

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Matsumoto, Shinji Kanagawa JP Naito, Genpei Yokohama JP Tange, Satoshi Kanagawa JP

ASSIGNEE-INFORMATION:

NAME CITY STATE COUNTRY TYPE CODE

NISSAN MOTOR CO., LTD. 03

APPL-NO: 10/735778 [PALM]
DATE FILED: December 16, 2003

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY APPL-NO DOC-ID APPL-DATE

JP 2003-024912 2003JP-2003-024912 January 31, 2003

INT-CL: [07] G06 F 17/10

US-CL-PUBLISHED: 701/041; 701/300, 701/091 US-CL-CURRENT: 701/41; 701/300, 701/91

REPRESENTATIVE-FIGURES: 2

#### ABSTRACT:

In a <u>vehicle</u> dynamics control apparatus enabling <u>vehicle</u> dynamics control and lane <u>deviation</u> prevention control, a processor of a control unit is programmed for determining a driving stability including a <u>vehicle</u> driveability and a <u>vehicle</u> stability, based on at least a <u>steer angle</u>, and for executing the <u>vehicle</u> dynamics control by producing a yaw moment corresponding to a controlled variable of the <u>vehicle</u> dynamics control when the driving stability is deteriorated, and for executing the lane <u>deviation</u> prevention control by producing a yaw moment corresponding to a controlled variable of the lane <u>deviation</u> prevention control when there is a possibility of lane <u>deviation</u>. The processor is further programmed for softening a criterion, which is used to determine the driving stability, based on the controlled variable of the lane deviation prevention control, only when the

<u>vehicle</u> dynamics control is inoperative.

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